

**Parts List AquaView Model 014 & 017
Doughboy Sand Filter with 7 Position Valve**

ITEM	PART #	QTY	DESCRIPTION
*1	1121-1970	1	Tank w/Decals - 014 Model
	1121-1971	1	Tank w/Decals - 017 Model
2	1107-1636	1	Underdrain Base Assembly
**3	1107-1679	1	Underdrain Assembly - 014 Model
	1121-1855	1	Underdrain Assembly - 017 Model
4	330-1023	4	#8 x 5/8" Screw
5	308-1280	1	Valve O-Ring
5a	308-1282	1	Square O-ring
6	330-1260	2	1/4-20 x 1-1/2" Mach. Screw
7	340-2281	2	Tank Clamp
8	395-1014	1	2" Pressure Gauge
9	340-1951	2	1-1/2" Hose Adaptor
10	1107-2435	1	Valve Assembly w/decals
11	387-1017	6	1-1/2" Hose Clamp
12	340-1892	1	1-1/2" Elbow Hose Adaptor
13	346-1077-1	2	1-1/2" x 8' Hose
14	321-1082	2	1/4-20 Hex Nut
15	346-1076-1	1	1-1/2" x 32" Hose
16	340-2200	1	Drain Screen
17	307-1001	1	Drain Cap Gasket
18	340-2445	1	Drain Cap
19	308-1225	1	5/16" Thread Seal
20	330-1245	1	5/16-18 x 1-1/4" Bolt
21	340-2444	1	Combo filter base
22	368-1074	1	Warranty Card

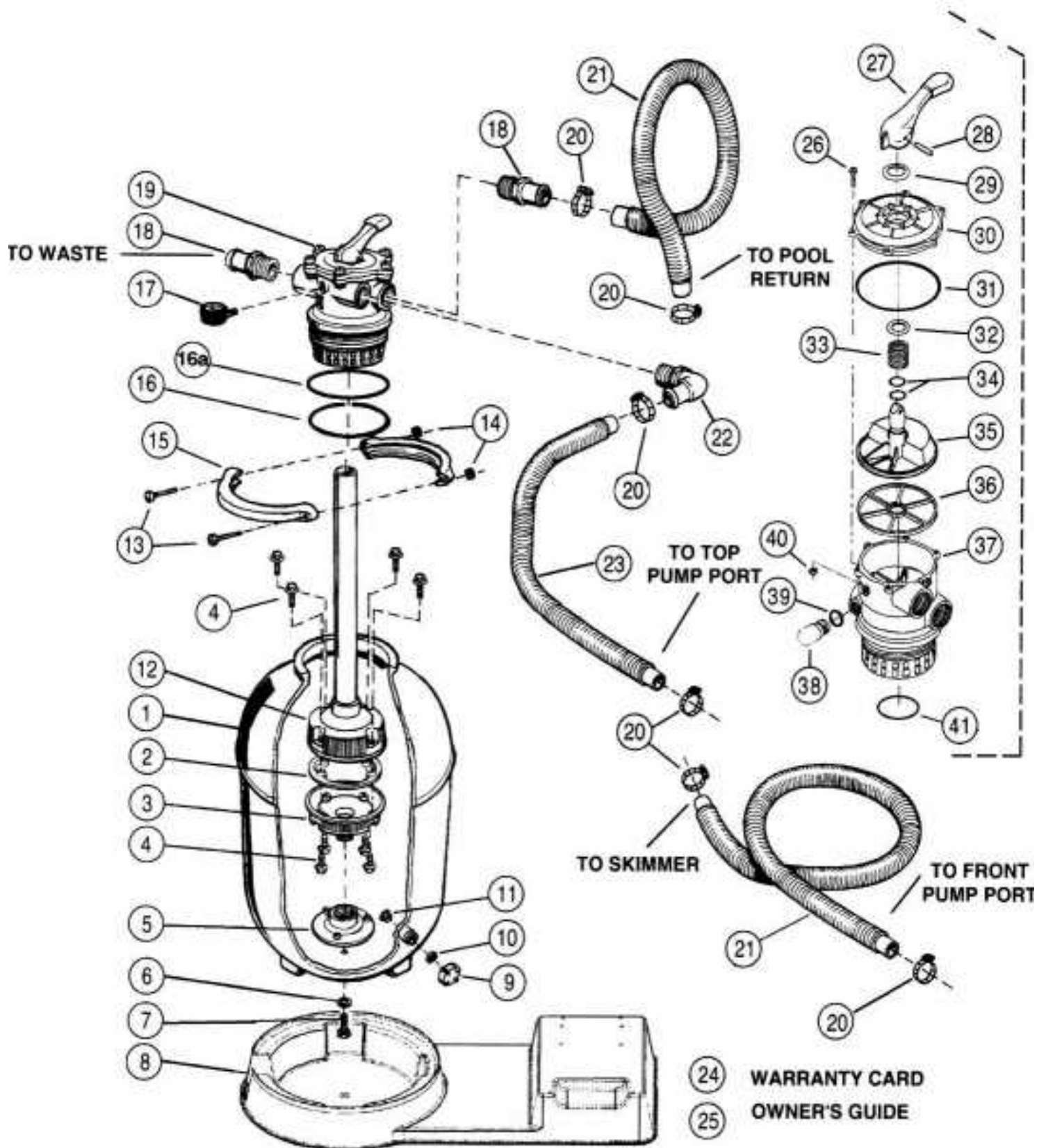
* Item 1 includes items 16, 17, and 18.

**Item 3 includes items 2 and 4.

VALVE ASSEMBLY

ITEM	PART #	QTY	DESCRIPTION
23	1121-1622	1	Valve Handle
24	1121-1623	1	Handle Pin
25	1121-1624	1	Washer - Large
26	1121-1626	1	Cover
27	1121-1627	1	O-ring - #252
28	1121-1628	1	Washer - Small
29	1121-1629	1	Spring
30	1121-1630	2	O-ring Diverter
31	1121-1631	1	Diverter
32	1121-1632	1	Spider Gasket
33	1121-1633	1	Valve Body
34	1121-1636	1	Sight Glass
35	1121-1635	1	Sight Glass Gasket
36	1121-1634	6	Nut
37	1121-1625	6	Screw - M6 x 30mm
38	1121-1701	1	O-ring - #225
39	360-1764	1	Valve Decal (not shown)

Exploded View AquaView Model 020 and Model 024 Doughboy Sand Filter with 7 Position Valve



Parts List AquaView Model 020 and Model 024 Doughboy Sand Filter with 7 Position Valve

ITEM	PART #	QTY	DESCRIPTION
*1	1121-1972	1	Tank w/Decals Model - 020
	1121-1973	1	Tank w/Decals Model - 024
2	340-2224	1	Underdrain Spacer
3	1107-1649	1	Threaded Underdrain Assembly
4	330-1023	8	#8 x 5/8" Screw
5	1121-1543	1	Tank Internal Adaptor w/Insert & Screws
6	308-1225	1	5/16" Thread Seal
7	330-1245	1	5/16-18 x 1-1/4" Bolt
8	340-2444	1	Tank Base
9	340-2445	1	Drain Cap
10	307-1001	1	Drain Cap Gasket
11	340-2200	1	Sand Filter Drain Screen
**12	1107-2426	1	Underdrain Assembly Model - 020
	1121-1858	1	Underdrain Assembly Model - 024
13	330-1260	2	1/4-20 x 1-1/2" Mach. Screw
14	321-1082	2	1/4-20 Hex Nut
15	340-2281	2	Tank Clamp
16	308-1282	1	Square O-Ring
16a	308-1280	1	Valve O-ring
17	395-1014	1	2" Pressure Gauge
18	340-1951	2	1-1/2" Hose Adaptor
19	1107-2435	1	Valve Assembly w/Decal
20	387-1017	6	1-1/2" Hose Clamp
21	346-1077-1	2	1-1/2" x 8' Hose
22	340-1892	1	1-1/2" Hose Elbow
23	346-1076-1	1	1-1/2" x 32" Hose
24	368-1074	1	Warranty Card
25	365-1981	1	Owner's Guide

* Includes items 9, 10, and 11.

**Item12 includes items 2, 3 and 4

VALVE ASSEMBLY

ITEM	PART #	QTY	DESCRIPTION
26	1121-1625	6	Screw - M6 x 30mm
27	1121-1622	1	Valve Handle
28	1121-1623	1	Handle Pin
29	1121-1624	1	Washer - Large
30	1121-1626	1	Cover
31	1121-1627	1	O-ring - #252
32	1121-1628	1	Washer - Small
33	1121-1629	1	Spring
34	1121-1630	2	O-ring Diverter
35	1121-1631	1	Diverter
36	1121-1632	1	Spider Gasket
37	1121-1633	1	Valve Body
38	1121-1636	1	Sight Glass
39	1121-1635	1	Sight Glass Gasket
40	1121-1634	6	Nut - M6
41	1121-1701	1	O-ring - #225
42	360-1764	1	Valve Decal (not shown)

TROUBLESHOOTING SAND FILTERS

PROBLEMS	POSSIBLE CAUSE	REMEDIES
1 - High gauge pressure, low return flow	<ol style="list-style-type: none"> 1 - Insufficient backwashing. 2 - Excessive contaminants or algae in sand. 3 - Filter sand is too fine. 4 - Underdrain plugged. 	<ol style="list-style-type: none"> 1 - Backwash filter. 2 - Backwash filter 3 - Use #20 filter sand. 4 - Replace sand.
2 - Low gauge pressure, low flow. Pump sucking in air. Pump sounds like marbles rattling in it.	<ol style="list-style-type: none"> 1 - Water level too low in pool. 2 - Restriction on suction side of pump. 3 - Skimmer or strainer basket filled with debris. 	<ol style="list-style-type: none"> 1 - Fill pool so water is between marks on skimmer face plate. 2 - Clear obstruction in skimmer, hoses or pump. 3 - Clean skimmer and strainer baskets.
3 - High flow, low or normal gauge pressure but pool water will not clear up.	<ol style="list-style-type: none"> 1 - Pool water is chemically out of balance. 2 - Sand too coarse. 3 - Sand grains rounded or worn. 	<ol style="list-style-type: none"> 1 - Check with test kit or contact dealer. 2 - Use #20 filter sand. 3 - Use crushed #20 filter sand.
4 - Short filter cycles.	<ol style="list-style-type: none"> 1 - Excessive contaminants or algae in sand or pool. 2 - Improper backwashing. 3 - Sand too fine. 	<ol style="list-style-type: none"> 1 - Check chemical balance. Filter will require frequent backwashing. 2 - Backwash filter thoroughly. Waste hose too long or restricted. 3 - Replace sand with #20 filter sand.
5 - Sand entering pool.	<ol style="list-style-type: none"> 1 - Defective underdrain. 2 - Sand too fine. 	<ol style="list-style-type: none"> 1 - Replace underdrain. 2 - Use #20 filter sand.
6 - Water leaking to waste.	<ol style="list-style-type: none"> 1 - Valve not seated in filter position. 2 - Defective gasket in valve body. 	<ol style="list-style-type: none"> 1 - Actuate valve handle and make sure valve is seated. 2 - Replace gasket or contact dealer. <p>Note: Contact your pool dealer for any problems you cannot solve.</p>

Change of Design: Doughboy Recreational expressly reserves the right to change or modify the design and construction of any product in due course of our manufacturing procedures, without incurring any obligation or liability to furnish or install such changes or modifications on products previously or subsequently sold.



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